

## Patent Search Results

11/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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**Method of providing enhanced internet content to mobile device using accessory device, involves providing accessory device with internet networking interface, mobile device networking interface and embedded proxy web server**

Patent Assignee: KUMAR J (KUMA-I); RAMCHANDRAN K (RAMC-I); SRINIVASAN S (SRIN-I)

Inventor: KUMAR J; RAMCHANDRAN K; SRINIVASAN S

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20100293217	A1	20101118	US 2009454195	A	20090514	201079	B

### Abstract:

NOVELTY - The method involves providing accessory device (33) with an internet networking **interface** (36) which enables connection to internet (32) to **fetch** internet **content**, a **mobile device** networking **interface** (35) to enable connection to **mobile device** (31) and an **embedded proxy web server**. An internet content and accessory **data** combining module is provided to enable interfacing **data** from accessory device to proxy server. DESCRIPTION - An INDEPENDENT CLAIM is included for accessory **device** of **mobile device**.... USE - Method of providing enhanced internet content e.g. hypertext meta language content, extended meta language content to **mobile device** e.g. **personal digital assistant**, **mobile phone**, smart **phone**, **portable** media player using accessory **device** e.g. **cellular phone** line connection accessory device, global positioning system accessory device, radio broadcast receiver device, TV broadcast receiver **device** with **mobile device** networking **interface** e.g. cellular packet **data** network **interface**, wireless fidelity network **interface**, satellite packet **data** network **interface**, WiMAX packet **data interface**, other terrestrial packet **data interface**, physical electronic connection **interface**, Bluetooth wireless **interface**, wireless fidelity network **interface**, other local area network **interface** (all claimed) for interactive radio system. Can also be used to provide internet content to **mobile device** using accessory device such as global positioning system receiver, camera, and medical device... ADVANTAGE - By providing accessory **device** to **mobile device** ,with internet networking **interface**, **mobile device** networking **interface** and **embedded proxy web server**, the interoperation with content from internet without loading native device drivers into the **mobile device**, enhanced **applications** programming using hypertext markup language deployed in internet and providing additional functionality that can interoperate with content of internet are achieved... DESCRIPTION OF DRAWINGS - The drawing shows a schematic view of end to end system with **mobile device** using accessory device to access internet content... 31 **Mobile device** ... 35 **Mobile device** networking **interface** ... An accessory device (33) to a **mobile device** (31) is described that enables enhanced internet content viewing experience, where internet content is enhanced using **data** from accessory device (41). This is achieved by combining an **embedded web proxy server** (37) into the accessory device (33) with enhancements that support merging **data** from the accessory device (41) into internet content. This enables accessory devices (33) to be used with both closed and open **mobile devices** (31).

### Claims:

We claim: 1. A method to provide enhanced internet content to a **mobile device** using an accessory device, comprising: a) providing said accessory device with a internet networking **interface** that enables connection to internet to **fetch** said internet **content**; b) providing said accessory **device** with a **mobile device** networking **interface** that enables connection to said **mobile device**; c) providing said accessory device with a **embedded proxy web server**; and d) providing said accessory device with a internet content and accessory **data** combining module that enables interfacing **data** from said accessory device to said **embedded proxy web server**. Basic Derwent Week: 201079

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11/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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**Method for delivering quantities of goods e.g. newspaper to subscriber in home via Internet, involves communicating collected information comprising information directing shuffle delivery to database**

Patent Assignee: NEWSPAPER DELIVERY TECHNOLOGIES INC (NEWS-N)

Inventor: BROCKMAN G B; MELLOTT J C; MODISETTE J P

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20100042463	A1	20100218	US 2009604453	A	20091023	201015	B
			US 2002318237	A	20021213		

**Abstract:**

and quality of service, extends existing assets to improve time to market and reduce cost of development, has secure, reliable, and scalable applications, supports web **browser** clients and other new technologies and paradigms, and supports **application** service **provider (ASP)**, service-oriented business models... and time-sensitive goods such as newspapers, periodicals and promotional materials to consumers, both subscribers and non-subscribers, and to retail outlets. One exemplary arrangement **includes a web server**, a database server, and **handheld computers**. A database including at least route delivery information may be created and at least portions of the database may be communicated to respective handheld devices... .. intermittent or continual connectivity and/or data reporting, time stamping/time-based tracking, and retail manager signature input as part of data collection. Support for **ASP**, service-oriented business models may be provided.

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11/3,K/3 (Item 3 from file: 350)  
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**Electrocardiograph remote monitoring device for use by doctor, has electrocardiograph recorder connected with Internet through network interface to send electrocardiograph monitoring page to browser**

Patent Assignee: UNIV BEIJING IND (UYBJ); UNIV PEKING TECHNOLOGY (UYPK)

Inventor: BAI Y; LI J; LI Y; WU S; YANG C

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CN 101199417	A	20080618	CN 200710303940	A	20071221	200847	B
CN 100560020	C	20091118	CN 200710303940	A	20071221	201005	E

**Abstract:**

amplified and filtered electrocardiograph signal after voltage is upgraded, and displays a wave form on a display module (204). The electrocardiograph recorder is connected with **Internet** through a network **interface** (207) to **send** an electrocardiograph monitoring page to a **browser**.

...ADVANTAGE - The device has simple structure, and is **portable**. The **device** helps a doctor to access the **embedded web server** on the electrocardiograph recorder through the browser, thus allowing to diagnose at real time... operation system (101) and embedded Web server (102) that sustain TCP/IP agreement. HTML page is embedded with Applet program (104) for remote communication with **CGI** program (103) on embedded Web server. The doctor accesses the embedded Web server on electrocardiograph recorder through browser and then monitors and diagnoses at real... ..

**Claims:**

203) to be analyzed and processed after voltage is upgraded and displays wave form on display

module (204) and analyzes result. Recorder is connected with **Internet** through network **interface** (207) and **sends** electrocardiograph monitoring page to **browser** for displaying... which sustains TCP/IP agreement; step 2) that microprocessor (203) is implanted and installed with embedded Web server (102) so that embedded Web server supports **CGI** program; step 3) that HTML page is embedded with Applet program (104) which is put on embedded Web server (102) and the browser sustaining Applet... server terminal; step 4) that when Applet program (104) is monitoring at remote, browser sends requirement to embedded Web server (102) for requiring connecting with **CGI** program (103) at server terminal; step 5) that embedded Web servers runs **CGI** program (103) and establishes connection of Applet program (104) and **CGI** program (103). **CGI** program is divided into three parts: CGI1 (306) is in charge of reading basic information of patients stored on recorder and then **displaying information** on **browser** in the form of page; CGI2 (307) is in charge of reading out electrocardiograph signal from AD and performing QRS wave detection, heart rate calculation... of gear of five sorts of heart ratios and then sending electrocardiograph data and analyzing result to Applet program; CGI3 (308) is in charge of **receiving basic information** of patients set on **browser** and then storing basic information of patients in electrocardiograph recorder; step 6) that Applet program **displayed** on **browser** reads out **data** from CGI2 program through embedded Web server and displays electrocardiograph wave form and electrocardiograph signal analyzing result on browser...

11/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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**Device for managing information data in IP-based mobile telephone has embedded web server, server program, starting page for displaying information management menus, memory adapted to store menu data**

Patent Assignee: LEE J (LEEJ-I); SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: LEE J; LEE J P; LEE C

Patent Family ( 7 patents, 4 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 10348784	A1	20040513	DE 10348784	A	20031021	200437	B
CN 1498022	A	20040519	CN 200310102445	A	20031021	200455	E
KR 2004034166	A	20040428	KR 200264249	A	20021021	200455	E
US 20050010656	A1	20050113	US 2003686719	A	20031017	200506	E
KR 498930	B	20050704	KR 200264249	A	20021021	200660	E
DE 10348784	B4	20061005	DE 10348784	A	20031021	200665	E
CN 1260995	C	20060621	CN 200310102445	A	20031021	200673	E

#### Abstract:

NOVELTY - The device has an **embedded web server** adapted to displaying a **mobile telephone** starting page in a web browser, a server program driven by an embedded web server, a starting page of the telephone adapted to display information... DESCRIPTION - The device has an **embedded web server** adapted to displaying a starting page of the **mobile telephone** in a web browser when connected to the telephone via the web browser, a server program driven by an **embedded web server** to generate an instruction to enable communications between the **mobile telephone** and a telecommunications system using the web **browser** and to **transmit a message** to the web **browser**, which confirms that **data updated** in the **browser** have been updated in the telephone, a starting page of the telephone adapted to display information management menus and including a voice packet that stores... A device and method for managing information data in a mobile IP-based **mobile telephone**. The **device** and method employ an **embedded web server** for **displaying a homepage** of the **mobile telephone** on a web **browser** when linked to the mobile telephone through the web browser; and a program of server driven by the **embedded web server** to generate a command to enable communication between the **mobile telephone** and a telecommunication system using the web **browser** and to **transmit a message** confirming that **data updated** in the

web **browser** has been updated in the mobile telephone to the web **browser**. The **homepage** of the mobile telephone is **adapted to display information management menus** of the mobile telephone and includes a language pack that stores at least one language so that the information management menus can be displayed in... ...

#### Claims:

What is claimed is: 1. A device for managing information data in a mobile IP-based **mobile telephone**, the **device** comprising: an **embedded web server**, **adapted to display a homepage** of the **mobile telephone** on a web **browser** when linked to the mobile telephone through the web browser; a program of server driven by the **embedded web server** to generate a command to enable communication between the **mobile telephone** and a telecommunication system using the web **browser**, and to **transmit a message** confirming that **data updated** in the web **browser** has been updated in the mobile telephone to the web **browser**; a **homepage** of the mobile telephone, **adapted to display information management menus** of the mobile telephone and including a language pack storing at least one language so that the information management menus can be displayed in a...

11/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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#### Mobile robot for industrial automation, travels into vicinity of short-range bi-directional digital radio link devices based on commands from remote web browser, for establishing digital radio link with SBDRL devices

Patent Assignee: ZWEIG S E (ZWEI-I)

Inventor: ZWEIG S E

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020173877	A1	20021121	US 2001261741	P	20010116	200324	B
			US 200247574	A	20020114		
US 6658325	B2	20031202	US 200247574	A	20020114	200379	E

#### Abstract:

NOVELTY - The mobile robot (20) receives commands over **Internet** from a remote web **browser** (6) through a **CGI** (7) of a robot's **onboard web server** (3). Based on the control of received commands, the **mobile robot** travels into the vicinity of short range bi-directional digital radio link (SBDRL) devices (13,14) and establishes a bidirectional, short range, digital radio link... ...6 Remote web **browser** ... ...7 **CGI** ... ... The invention is a computerized **mobile robot** with an **onboard internet web server**, and a **capability** of establishing a **first connection** to a remote web **browser** on the **internet** for robotic control purposes, and a **capability** of **establishing** a second short range bi-directional digital radio connection to one or more nearby computerized digital radio equipped devices external to the robot. The short... ... short-range digital radio devices capable of interfacing with the robot (such as sensors, mechanical actuators, appliances, and the like), a remote user on the **internet** may direct the robot to move within range of the external devices, discover their functionality, and **send** and **receive** commands and **data** to the external **devices** through the **CGI interface** on the robot's onboard web server.

#### Claims:

What is claimed is: 1. A **mobile** robot with an onboard web server, telecommunications means to link the onboard **web server** with the internet, and **onboard** telecommunications means to **establish** additional short-range bi-directional digital radio links with a **plurality of non** internet connected external computer **controlled devices**; wherein the **mobile robot**, under control by commands sent over the **internet**, travels into the vicinity of one or more of the external computer controlled devices and establishes a direct bi-directional, short-range, digital **radio** link with the external device. Basic Derwent Week: 200324

11/3,K/6 (Item 6 from file: 350)  
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# **Mobile telephone for internet application**

Patent Assignee: NOKIA CORP (OYNO); NOKIA MOBILE PHONES LTD (OYNO); THEIMER W (THEI-I)  
 Inventor: THEIMER W

## Patent Family ( 10 patents, 27 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 918423	A2	19990526	EP 1998118755	A	19981005	199928	B
JP 11275250	A	19991008	JP 1998292045	A	19981014	199954	E
US 6519241	B1	20030211	US 1998172547	A	19981014	200314	E
US 20030076792	A1	20030424	US 1998172547	A	19981014	200330	E
			US 2002309544	A	20021204		
EP 918423	B1	20040310	EP 1998118755	A	19981005	200418	E
DE 59810949	G	20040415	DE 59810949	A	19981005	200426	E
			EP 1998118755	A	19981005		
US 7061897	B2	20060613	US 1998172547	A	19981014	200639	E
			US 2002309544	A	20021204		
US 20060193278	A1	20060831	US 1998172547	A	19981014	200657	E
			US 2002309544	A	20021204		
			US 2006411263	A	20060426		
JP 2008167481	A	20080717	JP 1998292045	A	19981014	200848	E
			JP 200861626	A	20080311		
US 20110029600	A1	20110203	US 1998172547	A	19981014	201111	E
			US 2002309544	A	20021204		
			US 2006411263	A	20060426		
			US 2010851780	A	20100806		

## **Abstract:**

NOVELTY - The **mobile telephone** contains at least one **web server** in its micro-program control unit. The **web server(s)** can be coupled to at least one other **web server** and is coupled to at least one client. The further server is contained within the **mobile telephone**. DESCRIPTION - INDEPENDENT CLAIMS are also included for use of the **mobile telephone** for guiding a vehicle and a medical supervision of patient... ADVANTAGE - Developed to enable simple communications using the **internet**. ... The **WEB server** and **WEB browser** are standard **applications** which merely have to be tailored somewhat for the concrete **applications**. All the other **servers** may be realized as C/C++ **programmes** which can **access** the hardware (for example glucose measuring device or the GPS receiver). They are **connected** to the **WEB server** via a **CGI (common gateway interface)** ... **Mobile telephone for internet application** The **mobile telephone** contains at least one **web server** in its micro-program control unit. The **web server(s)** can be coupled to at least one other **web server** and is coupled to at least one client. The further server is contained within the **mobile telephone**. Independent claims are also included for use of the **mobile telephone** for guiding a vehicle and a medical supervision of patient... An implementation|achievement of the **mobile telephone apparatus** containing at least one **Web server**. The **mobile telephone apparatus** of this invention contains at least one **Web server**, This **Web server** can be combined now with at least one the further server and the further at least 1 client. FIG. 1 Especially this invention relates to the **mobile telephone apparatus** which can be used for the communication system for monitoring a vehicle,

guiding or monitoring a patient's state of health... .. A **mobile telephone** according to the invention contains at least one **WEB server** which can be coupled to at least one further server and to at least one client... .. A control unit for a **mobile telephone** includes a **Web server** adapted to connect to a **Web browser** in the **mobile telephone**, wherein the **Web server** receives **information** and provides the **information** to the **Web browser** when connected to the **Web browser**. ... ..

#### Claims:

**Mobile telephone** having a **WEB browser** characterized in that at least one **WEB server**, which receives and evaluates enquiries from the outside, is contained in the microprogram control unit (MCU) of the **mobile telephone**..... .. At least one **Web server** is included,The **mobile telephone apparatus** characterized by the above-mentioned.At least one **Web server**,The web **browser** of one at least connected to the said **Web server**,These are provided,The said **Web server** receives **information**, and it is comprised so that the said **information** may be provided to at least the above-mentioned web **browser**,The **mobile telephone apparatus** characterized by the above-mentioned... .. 1. **Mobile telephone**, characterized in that it contains at least one **WEB server**.2. **Mobile telephone** according to claim 1, characterized in that the at least one **WEB server** is contained in the microprogram control unit (MCU) of the **mobile telephone**.... .. What is claimed is:1. A control unit for a **mobile telephone** comprising a **Web server** adapted to connect to a **Web browser** in the **mobile telephone**, wherein the **Web server** receives **information** and provides the **information** to the **Web browser** when connected to the **Web browser**. ... ..

15/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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**Dynamic common gateway interface website management method for computer system, involves providing phase control configuration data to phase selector to dispatch one of sections associated with website**

Patent Assignee: HESS C L (HESS-I); KENT K A (KENT-I)

Inventor: HESS C L; KENT K A

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030014504	A1	20030116	US 2001896214	A	20010629	200333	B

#### Abstract:

machine-readable medium storing dynamic **common gateway interface website management** program;dynamic **common gateway interface website management apparatus**; andcomputer system... .. USE - For managing dynamic **common gateway interface (CGI)** website in computer system (**claimed**) including **workstation**, **personal computer**, **net PC**, **palmtop computer**, **robust cellular/personal communication service (PCS) telephone**, **server**, etc., **connected** to network such as **Internet**, **LAN**, **WAN**, **intranet**, **extranet**, etc... A method and apparatus for dynamic **common gateway interface Web site management** are disclosed. Phase control configuration data for a Web site including two or more sections is first stored and then utilized to dispatch one of the... .. phase control configuration data specifies an order and dispatching one of the sections includes selecting the section using the order and displaying a Web page **via** a **Web browser** client **application** across a communications network in response to the selection. The phase control configuration data may then specify input data to be collected by the selected section. According...

15/3,K/2 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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**Exchange management system using cellular phone web connection function**

Patent Assignee: LG ELECTRONICS INC (GLDS)

Inventor: JUN S J

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2002026060	A	20020406	KR 200057660	A	20000930	200267	B

#### Abstract:

NOVELTY - An exchange management system using a **cellular phone** web connection function is provided to connect a **cellular phone** to the web by installing a gateway between the **cellular phone** and a **web server**, and to manage an exchange through the **cellular phone**, so as to manage the exchange by using the **cellular phone** at any places without a terminal. DESCRIPTION - A gateway(57) **transmits** WAP(Wireless **Access Protocol**) **data transmitted** through a **cellular phone** terminal as data communicable on the **Internet**, or converts protocol data of an exchange into WAP **data**. A **web server**(56) **receives** the communicable **data**, and **transmits information** on the exchange to the gateway(57). An HDML **CGI (Common Gateway Interface)** processor(55) reassembles message data of the exchange to make the data HDML data, and transmits the HDML data to the **web server**(56). A communication module(53) transmits data transmitted from a user to the exchange by TCP/IP, and transmits the message data to the **CGI** processor(55). An exchange built-in communication module(52) receives requested data of the user from the communication module(53), and transmits the message data... Basic Derwent Week: 200267

15/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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#### Communication system for remote communication transactions, uses a resident web server and resident browser in the remote communications device

Patent Assignee: ABACO PR INC (ABAC-N)

Inventor: ARTEAGA C; ESTEFANIA J C; FERGUSON K; JIMENEZ C; MENDEZ J; ORTIZ R; PAINTER J; RIVERA P

Patent Family ( 2 patents, 90 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002060154	A1	20020801	WO 2001US2414	A	20010125	200257	B
AU 2001231136	A1	20020806	AU 2001231136	A	20010125	200427	E
			WO 2001US2414	A	20010125		

#### Abstract:

NOVELTY - A client device (20) includes a resident web browser (100) and a resident **web server** (200). The resident browser include the ability to call HTML or **ASP** pages, either from the resident **web server** or from a network **web server**. Also, the resident browser can call an application (205), such as an **active server page**, from the resident **web server** to enable the user to conduct a transaction with the application running in the resident server. ... a network; A method for executing a transaction on a remote communications device; A method for communicating data from a remote communication device to a **web server**; A method for persistent storage of application data for an application running on a remote communication device; A method for deploying a file to a **handheld communication device**; A method for controlling access to a **web server** on a remote communication device; A method for generating an application for use on a **handheld communication device** with a microprocessor... USE - For conducting on-line and off-line transactions on a wide variety of remote communication **devices**, including **handheld computers**, **personal digital assistants**, palm tops, wireless devices, etc... ADVANTAGE - The device enables real-time applications to run on a remote communication device and to **receive** and store **data** through a resident **web server** and resident **browser** on the remote communication device. By enabling local communications between the resident server and resident browser, off-line communications and real-time applications can occur... When a network connection is established, a transaction and associated data can be transmitted to the desired location on the network, such as an enterprise **web server** for further processing. Because the remote device can utilize a resident browser to communicate with the resident **web server**, low-memory applications such as active server applications or Java server page applications

can be maintained locally on the remote device, thus allowing more immediate... .. The present invention provides both a system and method for conducting remote online and offline real-time transactions on a **handheld device**. The remote communication device utilizes a resident browser and hypertext transfer protocol (HTTP) to communicate with a resident **web server**. Low memory applications such as **active server page** applications can be maintained locally on the remote communication device... .. Basic Derwent Week: 200257...

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15/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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**System for acquiring information from printed media to communicate via Internet, e.g. through browser program; receives alphanumeric information from handheld scanner and initiates connection via wireless transmission device**

Patent Assignee: BROWNING D R (BROW-I)

Inventor: BROWNING D R

Patent Family ( 3 patents, 92 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002001379	A2	20020103	WO 2001US20261	A	20010626	200221	B
AU 200215618	A	20020108	AU 200215618	A	20010626	200235	E
US 6707581	B1	20040316	US 1997931885	A	19970917	200420	E
			US 2000604674	A	20000627		

**Abstract:**

handheld scanners as an information gathering device such as a bar-code scanner for identification of a product, which carries the bar code image, to **provide** inventory control and/or pricing **information**, to communicate via the **Internet**, e.g. through a **browser** program, for the retrieval of documents in the Hypertext Markup Language (HTML), the extended Markup Language (XML), the Wireless Markup Language (WML), the Virtual Reality... A **handheld device** scans a **line of** information in the form of Internet URL's, Internet protocol addresses, Internet e-mail addresses, FTP sites, USENET news group addresses, DNS addresses and bar codes as they occur in print advertising and printed media. The scanned **information** is decoded and **displayed** for user verification. **The** device **utilizes** onboard **information retrieval software** that **establishes a** connection to the **Internet** to retrieve HTML, XML, WML, and VRML documents, e-mail **messages**, USENET news, Java applets, ActiveX documents, **Active Server Pages**, or **file transfers from** the Internet locations interpreted by the handheld scanner... ..

**Claims:**

a database that is stored in said scanner, that receives the alphanumeric information from said handheld scanner and initiates a connection via said wireless transmission **device to** a remote site that is associated with the alphanumeric information. Basic Derwent Week: 200221

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15/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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**Remote monitoring and control method involves connecting several monitoring and control apparatus to monitor and control equipment provided with web server function and connected to internet**

Patent Assignee: CHUO DENSHI KK (CHUO-N)

Inventor: KAYANUMA S; UKITA H

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2001345944	A	20011214	JP 2000163056	A	20000531	200214	B

#### Abstract:

NOVELTY - Several monitoring and control apparatus are connected to a monitor and control equipment (1,2) provided with **web server** function. The monitor and control equipment is connected with ethernet (22,23) and router (3,27) to the internet (5). The data collected with the monitor and control equipment are sent as a telegraphic message generated in HTML format for **mobile telephone** terminals. DESCRIPTION - The condition and sensor information on a monitoring control apparatus is displayed to the indicator of the **mobile telephone** terminal. Control information will be received by **CGI** function of **web server** if the monitoring control apparatus displayed by the indicator is operated from the **mobile telephone** terminal. A monitoring control apparatus is controlled and a power supply is turned ON and OFF... ..USE - Remote monitoring and control method by **mobile-telephone** terminal... ..ADVANTAGE - Allows apparatus to be monitored and controlled from arbitrary points since **information transmission** and control of apparatus can be performed using the **internet** by simple operation of **mobile telephone** terminal... Basic Derwent Week: 200214

15/3,K/8 (Item 8 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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#### Service system and method of integrated instant message in on-line

Patent Assignee: ARCHI INFORMATION TECHNOLOGY CO LTD (ARCH-N)  
 Inventor: LEE S I; PARK J H; SEO M S; SUH M S

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2001035050	A	20010507	KR 200073065	A	20001204	200165	B
KR 416040	B	20040124	KR 200073065	A	20001204	200428	E

#### Abstract:

DESCRIPTION - A user connecting unit(100) includes an **internet** connecting unit(110) capable of **transmitting/receiving** of a **message** by connecting to a messaging **web server**(300) through an **internet** network(210). The internet connecting unit(110) comprises a desktop personal computer(111), a LAN(112) and a modem(113). The user connecting unit(100) includes a **mobile** connecting unit(120) capable of transmitting/receiving of a message by connecting to the messaging **web server**(300) through a wireless data network(220) out of a data communication network(200). The **mobile** connecting unit(120) comprises a mobile communication tool as a **mobile phone**(121), a **PDA**(122) and a notebook PC etc. and a wireless modem(125) being included in the notebook PC and being connected to the wireless data network(220). The data communication network(200) includes an internet network(210) performing a connection the internet connecting unit(110) to the messaging **web server** (300). The data communication network(200) includes the wireless data network(220) rendering the **mobile** connecting unit(120) to be connected to the messaging **web server**(300) and transmit/receive a message. The wireless data network(220) comprises a base station(221) transmitting/receiving to the **mobile** connecting unit(120) and a mobile **internet server**(222) connecting the base station(221) to the messaging **web server**(300). The messaging **web server**(300) comprises a **web server**(310) rendering the user connecting unit(100) to be connected to a messaging server(320), the messaging server(320), a **CGI** (330) performing a demand in the user connecting unit(100) and returning the result to the user connecting unit(100), a database(340) storing a... ..

15/3,K/9 (Item 9 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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**Unique identification method for digital content on digital content player, by receiving first, second and third identifiers, and producing fourth unique identifier based on mathematical combination of identifiers**

Patent Assignee: IBM CORP (IBM); INT BUSINESS MACHINES CORP (IBM); WISTRON CORP (WIST)

Inventor: DORACK J J; DORAK J J

Patent Family ( 12 patents, 30 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CN 1289100	A	20010328	CN 2000127012	A	20000914	200158	B
EP 1085443	A2	20010321	EP 2000308024	A	20000914	200212	ETAB
CA 2316762	A1	20010317	CA 2316762	A	20000817	200159	E
JP 2001160003	A	20010612	JP 2000279877	A	20000914	200159	E
KR 2001050381	A	20010615	KR 200053161	A	20000907	200171	E
US 6389403	B1	20020514	US 1998133519	A	19980813	200239	E
			US 1998177096	A	19981022		
			US 1999397419	A	19990917		
KR 444695	B	20040818	KR 200053161	A	20000907	200481	E
CA 2316762	C	20070403	CA 2316762	A	20000817	200726	E
CN 100345157	C	20071024				200830	E
EP 1085443	B1	20080827	EP 2000308024	A	20000914	200858	E
DE 60040041	E	20081009	DE 60040041	A	20000914	200868	E
			EP 2000308024	A	20000914		
JP 4347508	B2	20091021	JP 2000279877	A	20000914	200970	E

**Abstract:**

a cyberstore, or an electronic distribution chain may desire to provide the customized player in various apparatuses, such as PCS, a set-top box, a **hand-held apparatus**, others. It is a tamper-proof (change-proof) environment, i.e., the environment which suppresses access by the third party to the content in process...top box (IRD), and an Internet device is contained in an end user apparatus. These apparatuses can copy content to an external medium or a **portable consumer apparatus** according to permission by a content owner. "Content" only points out the information and data which were stored by the vocabulary "digital content" or the...number of the copies (or deletion of a copy) made is managed. When a permission is granted, The copy to an external medium or a **portable consumer apparatus** is performed. In order that a **portable consumer apparatus** may process the service condition of the content embedded at the watermark, the subset of the function of the player application 195 can be performed...to the store service condition 519. On the store service condition 519, it can be designated whether the content 113 is recordable on an external **portable apparatus** as the playback frequency|count permitted about the content 113, and the number of local copies. Many functions of the content use control layer 505... ..purchaser side also needs to process the received content 113 and needs to achieve a reproduction|regeneration or the format suitable for transmission to a **portable apparatus**. B. Division and flow of function The rights management architecture model is shown by FIG. 8. This is a figure which shows a mapping of the...content 113 is permitted is permitted, and whether the frequency|count of a secondary copy and the content 113 can be copied to an external **portable apparatus**. The content provider 101 sets the permissible service condition 517, and transmits this to the electronic digital content store 103 within SC. (Please refer the...purchased by the selection end user of content use. There exists an item every offer SC641.- The 1 or more HTML page which the player **application 195 displays** in an **internet browser** window during the interaction|dialogue between the time of reception of HTML transaction SC640 to display or the end user apparatus 109, and the clearing...a website. The content provider 101 has design of this site, and the perfect control with respect to a layout. Moreover, use of the turnkey **Web server** solution provided as some toolkits for secure digital content electronic distribution system 100 can be selected. In order to implement design of itself for this... ..on that day (or period) can be performed

every day (every defined period). This notification is performed via the standard HTTP replacement|exchange with the **Web server** of the electronic digital content store 103 by transmitting the **CGI** character string of definition completed containing the parameter which refers metadata SC620 added. This message is processed by the notification interface module of the electronic...base provided via telephone modem connection or cable modem connection. Networks other than the internet are also supported with this model, as long as a **Web server** / client browser model is followed. FIG. 12 is the main tools of the electronic digital content store 103, a component, and a block diagram that...offer database 181. The transaction processor module 175 and other additional functions are only provided as API in DLL or C object library as the **Web server** side executable thing (Namely, **CGI** and NSAPI, breadth in ken that can be ISAPI called). These functions process a processing at the time of the execution for an end user interaction|dialogue and an interaction|dialogue with the clearing house 105 of option. These functions interact a dialog with the commercial transaction service of a **Web server**, produce a file required in order to start the download processing of the content 113, and download it to the end user apparatus 109. These...  
 ...content 113 is a music, The title of the sales promotion information regarding music or an album and an album and an artist are also **displayed**. This **information** is **displayed** as a series of linked HTML pages in a **browser** window. No metadata of the others which the content provider 101 wishes protection the content 113 of music, a lyric, etc. which can be purchased...of the purchased content 113. This information is packaged by transaction SC640, This transaction SC640 is returned to the end user apparatus 109 by the **Web server** as a response with respect to purchasing submission|transmission. The transaction processor module 175, The HTML page or **CGI** URL which confirms three information from the commercial transaction handling processing of the electronic digital content store 103, i.e., product ID of the purchased... and reproduction|regeneration control by the end user apparatus 109. The last parameter that the transaction processor module 175 requires is the HTML page or **CGI** URL which confirms purchasing liquidation. The objective of this is enabling it to return other information which wants to include the electronic digital content store 103 in confirmation and a response of accounts liquidation to an end user. This HTML page or **CGI** URL is contained in transaction SC640, transaction SC640 is received, and when processing, it is displayed on the browser window of the end user apparatus... ..being based on the notification interface module 176 and the accounts adjustment tool 179.4. Notification interface module 176The notification interface module 176 is the **Web server** side executable routine (The function which can be called by **CGI**, NSAPI, ISAPI, or an equivalent). The notification interface module 176 processes the request|requirement and notification of option from the clearing house 105, the end...item to the transaction log 178. When the electronic digital content store 103 wants to perform the processing of itself with respect to these notification, **CGI** calling is intercepted, An original function is performed, Then, a request|requirement can be passed to the notification interface module 176 as option.5. Accounts...s final purchasing permission to the electronic digital content store 103. In this point to the back, all the interaction|dialogues are performed between the **Web server** of the electronic digital content store 103, and the end user web browser 191 of the end user apparatus 109. The preview of the digital... content store 103 about the goods brought together in the shopping cart, the web browser of the end user waits for the response from a **Web server**, and becomes with active. The **Web server** of the electronic digital content store 103 processes purchasing, performs accounts liquidation, and returns transaction SC640 to the end user apparatus 109 after that. The... Basic Derwent Week: 200158

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17/3,K/1 (Item 1 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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**Movable web server apparatus for use in movable network education system, has movable flash memory having specific components and functional programs is connected to host computer**

Patent Assignee: CHOE B C (CHOE-I); CHOI B C (CHOI-I); BONG C C (BONG-I)  
 Inventor: CHOE B C; CHOI B C; BONG CHEOL C

Patent Family ( 3 patents, 2 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2007226767	A	20070906	JP 2006316648	A	20061124	200769	B
KR 2007088142	A	20070829	KR 200618371	A	20060224	200807	E
KR 846830	B1	20080716	KR 200618371	A	20060224	200912	E

#### Abstract:

memory that is connected to a host computer. The flash memory includes a mail server, database (DB) server, file server, streaming server, communication gateway interface (**CGI**), application service provider (**ASP**), HTML, **JAVA** (RTM: computer software program), SQL and an open database connectivity (ODBC) functional program. The capacitance of the components of the flash memory does...

#### Claims:

CLAIM 3] The **transportable web server apparatus** for including the transportable flash memory including the initialization module: professor learning courseware DB module: professor learning authoring module: professor learning application module: professor learning authoring module... registers made data it manages it sets network and database the transportable flash memory was connected the mail server, file server, streaming server, DB server, **CGI**, **ASP**, HTML, **JAVA**, SQL, ODBC functional program is mounted. As to the host computer, the transportable flash memory is connected... for running the transportable web server using the flash memory comprising at least, the mail server, the file server, the streaming server, the DB server, **CGI**, **ASP**, HTML, **JAVA**, SQL, the ODBC functional program... web server operating method of claim 7, wherein in the functional program of the mail server, the file server, the streaming server, the DB server, **CGI**, **ASP**, HTML, **JAVA**, SQL, ODBC implied in the flash memory, the capacity does not exceed 30M byte...

17/3,K/2 (Item 2 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
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#### Mobile robot travels into vicinity of one or more of the external digital radio controlled devices and establishes direct bi-directional, short-range, digital radio link with RFID tag

Patent Assignee: ZWEIG S E (ZWEI-I)

Inventor: ZWEIG S E

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 7174238	B1	20070206	US 2003654540	A	20030902	200732	B

#### Abstract:

the robot to move within range the external devices, discover their functionality, and send and receive commands and data to the external devices through the **CGI (Common Gateway Interface)** interface on the robot's outboard web server... The invention is a computerized **mobile robot** with an **onboard internet web server**, and a capability of establishing a first connection to a remote web browser on the internet for robotic control purposes, and a capability of establishing... robot to move within range of the external devices, discover their functionality, and send and receive commands and data to the external devices through the **CGI** interface on the robot's onboard web server.

#### Claims:

What is claimed is: 1. A **mobile robot** with an **onboard web server**, telecommunications means to link the **onboard web server** with the internet, said internet consisting of an interconnected system of networks that connects computers around the world via the TCP/IP protocol, and onboard...

20/3,K/1 (Item 1 from file: 347)

DIALOG(R)File 347: JAPIO  
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**FACSIMILE TRANSMISSION CONTROL METHOD, FACSIMILE TRANSMISSION CONTROL SYSTEM, AND FACSIMILE EQUIPMENT**

**Pub. No.:** 2002-132651 [JP 2002132651 A]

**Published:** May 10, 2002 (20020510)

**Inventor:** KINOSHITA MANAMI

**Applicant:** NEC CORP

**Application No.:** 2000-318750 [JP 2000318750]

**Filed:** October 19, 2000 (20001019)

**ABSTRACT:**

SOLUTION: An HTTPD is allowed to operate in network-connectable facsimile equipment so that this facsimile equipment can be provided with a function as a **WWW server**, and the data (text data and image data or the like) of a personal **computer** or a **portable** information terminal are uploaded to the facsimile equipment by an HTML file and a **CGI** program. Then, the uploaded data are converted into facsimile data in the facsimile equipment, and transmitted through a telephone line to another facsimile equipment. COPYRIGHT... Di01

20/3,K/2 (Item 1 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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**Method and system for confirming e-mail received to e-mail server through public phone or mobile communication**

Patent Assignee: KIM D H (KIMD-I)

Inventor: KIM D H

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2005005369	A	20050113	KR 200344426	A	20030701	200541	B

**Abstract:**

DESCRIPTION - A **web server**(201) registers data needed for requesting/performing the e-mail confirmation service through the public **phone** or the **mobile** communication. A homepage(202) performs an interface role for a service user connected to the **web server**. A **CGI (Common Gateway Interface)** (203) receives/transfers a member ID/password of the service user. A service registration part(204) registers information for using the service. A service use...

20/3,K/3 (Item 2 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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**System for managing personal schedule using portable phone**

Patent Assignee: JEONG Y T (JEON-I); PARK H (PARK-I)

Inventor: JEONG Y T; PARK J H

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2003084252	A	20031101	KR 200222862	A	20020426	200417	B

**Abstract:**

DESCRIPTION - A **web server** and **CGI** (30) accesses a **portable phone** company through a PC. A **portable phone** access server(40) accesses an exclusive access server(35) to input reserved information by using a user's portable phone terminal(60a). A reservation database...

20/3,K/4 (Item 3 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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**Internet-based data processing system for transaction system, includes process attributes to define data transfer process for providing data between web server and input/ output devices**

Patent Assignee: DATASCAPE INC (DATA-N); WAGNER R H (WAGN-I)  
Inventor: WAGNER R H

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020198837	A1	20021226	US 1995493772	A	19950622	200375	B
			US 1997995123	A	19971219		
			US 1999314266	A	19990518		
			US 2001907076	A	20010717		
			US 2002100347	A	20020318		
			US 2002213959	A	20020807		
US 6684269	B2	20040127	US 2002213959	A	20020807	200408	E

**Abstract:**  
28 **common gateway interface** application

20/3,K/5 (Item 4 from file: 350)  
DIALOG(R)File 350: Derwent WPIX  
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**Data communication method for non-standard input-output device such as PDA, involves transmitting file with assigned data to server to perform data operation in accordance with extended open network protocol statements**

Patent Assignee: DATASCAPE INC (DATA-N)  
Inventor: WAGNER R H

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6366967	B1	20020402	US 1995493772	A	19950622	200246	B
			US 1997995123	A	19971219		
			US 1999314266	A	19990518		

**Abstract:**  
USE - For communicating between **web server** and non-standard input-output device such as screen phone terminal, **personal digital assistant (PDA)**, credit card terminal, smart card reader, personal identification number (PIN) pad, magnetic card swipe reader, printer, etc., through open network such as Internet... the server and I/O devices. Preferably, the open network protocol is implemented in a Hyper Text Transport Protocol (HTTP). Preferably, the system includes a **common gateway interface (CGI )** at the server which converts protocol statements communicated between the server and I/O devices to application language statements for providing data to an application...

DIALOG(R)File 348: EUROPEAN PATENTS  
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11/3K/1 (Item 1 from file: 348)

## System and method for pushing encrypted information between a host system and a mobile data communication device

### Patent Assignee:

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295 Phillip Street; Waterloo, Ontario N2L 3W8 (CA)  
(Proprietor designated states: all)

### Inventor:

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- **Rahn, Steven M.**  
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- **Mousseau, Gary P.**  
493 Heatherhill Place; Waterloo Ontario N2T 1 H7; (CA)
- **Lazaridis, Mihal**  
263 Carrington Place; Waterloo Ontario N2T 2K1; (CA)

### Legal Representative:

- **Reichl, Wolfgang et al (101099464)**  
MERH-IP Matias Erny Reichl Hoffmann Paul-Heyse-Strasse 29; 80336 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1715650	A2	20061025	(Basic)
Patent	EP	1715650	A3	20061108	
Patent	EP	1715650	B1	20101208	
Application	EP	2006016050		20020813	
Priorities	US	928983		20010813	

### Specification:

the users' mobile data communication devices. In response to receiving one of these triggers, the server redirects the user's data items to the proper **mobile data** communication **device**. This **alternative configuration** could also **include** an **Internet** or Intranet-located **web server** **including** the redirector program that could be accessible through a secure Web page or other user interface. In this configuration, the redirector program could be located on an **Internet Service Provider** ("ISP") system or an **Application Service Provider** ("**ASP**") system, and the user would configure (and reconfigure) the program controls over an Internet connection to the ISP or **ASP** system. In another embodiment, the redirector program operates at both the host system and at the user's mobile data communication device. In this configuration ...

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DIALOG(R) File 348: EUROPEAN PATENTS  
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11/3K/4 (Item 4 from file: 348)

### Internet services

### Patent Assignee:

- **Samal Systems Limited** (4061070)  
66 Newland Street; Witham, Essex CM8 1AH (GB)  
(Applicant designated States: all)

**Inventor:**

- **Hopkins, Samuel Angus**  
98 Long Lane; Willingham, Cambridgeshire CB4 5LD; (GB)

**Legal Representative:**

- **Gillam, Francis Cyril et al (31003)**  
SANDERSON & CO. 34, East Stockwell Street; Colchester Essex CO1 1ST; (GB)

	Country	Number	Kind	Date	
Patent	EP	1239645	A2	20020911	(Basic)
Application	EP	2002251647		20020308	
Priorities	GB	105823		20010309	
	GB	126699		20011106	

**Specification:**

offered by the Internet site, as shown in step 17. In the anonymous mode, the user has to enter the appropriate telephone number into a **CGI** form or text box every session or on every page to be accessed, so that the matching server can verify a corresponding text message has been sent through the text messaging service. By contrast, in the registered mode, the user has to have an account with the **Internet** content **server**. That account **includes** the user's **mobile telephone** number, which is stored along with other details of the user, such

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DIALOG(R)File 348: EUROPEAN PATENTS  
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15/3K/1 (Item 1 from file: 348)

**Method and apparatus for communicating information over low bandwidth communications networks**

**Patent Assignee:**

- **Palm, Inc.** (100195120)  
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(Applicant designated States: all)

**Inventor:**

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- **Lincke, Scott**  
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**Legal Representative:**

- **Albutt, Anthony John (101194770)**  
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	Country	Number	Kind	Date	
Patent	EP	2273393	A2	20110112	(Basic)
Application	EP	10185691		19990526	
Priorities	US	87515		19980529	
	US	87552		19980529	
	US	87563		19980529	
	US	86888		19980529	

#### Specification:

F0001> Figure 1. Figure 1</FIGREF> includes a wireless communications device 100, a base station 170, a proxy server 180, the Internet 190, and a **web server** 140. The wireless communications device 100 includes a screen 101 and is running an operating system 102. The operating system supports the execution of a **browser** 104. The **browser** 104 runs with the wireless **application** 106 and **displays** an example query form 105 and an example query response 107. Between the base station 170 and the proxy server 180 is a private network 172. The **web server** 140 includes a **CGI (Common Gateway Interface)** program 142. The **CGI** program 142 is responsible for generating the HTML page 144. < FIGREF IDREF= F0001> Figure 1</FIGREF> also includes a number of arrows indicating queries and...

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DIALOG(R)File 348: EUROPEAN PATENTS  
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15/3K/6 (Item 6 from file: 348)

## PDA HAS WIRELESS MODEM FOR REMOTE CONTROL VIA THE INTERNET

#### Patent Assignee:

- **Koninklijke Philips Electronics N.V. (200769)**  
Groenewoudseweg 1; 5621 BA Eindhoven (NL)  
(Proprietor designated states: all)

#### Inventor:

- **KEMINK, Joost**  
Prof. Holstlaan 6; NL-5656 AA Eindhoven; (NL)
- **SAGAR, Richard**  
Prof. Holstlaan 6; NL-5656 AA Eindhoven; (NL)

#### Legal Representative:

- **Groenendaal, Antonius W. M. (59381)**  
Philips Intellectual Property & Standards P.O. Box 220; 5600 AE Eindhoven; (NL)

	Country	Number	Kind	Date	
Patent	EP	1133860	A1	20010919	(Basic)
Patent	EP	1133860	B1	20070822	

	Country	Number	Kind	Date
	WO	2001024473		20010405
Application	EP	2000967687		20000915
	WO	2000EP9083		20000915
Priorities	US	156468	P	19990927
	US	427821		19991027

#### Specification:

112 connects lamp 114 to main power supply 116 under control of controller 110. Controller 110 in turn gets its control input from server 108. **PDA** 102 has a display 118 with a touch screen or graphical tablet functionality, and a client application 120. Client application 120 controls the creation of soft buttons on display 118. Assume that application 120 is activate on PDA 102. When user activates an ON-button on display 118, **application** 120 **uses** wireless modem 104 to send a command via the **Internet** 106 to server 108. Server 108 comprises in this example a PC hardware running an Apache **web** server 122. The Apache is a public-domain Web server. Its first version was developed in 1995 based on the NCSA httpd Web server. The... ..performance, sophisticated features, and because of the fact that its source code is available for free. Server 108 further comprises software modules 124 that comprise **CGI** scripts run by Apache server 122. **CGI** stands for "**Common Gateway Interface**" and is as specification for transferring information back and forth between a **Web server** and an application. **CGI** is part of the HTTP protocol. Apache server 122 running on PC 108 interprets the command received from PDA 102 over the **Internet** 106. The interpretation mechanism **uses**, e.g., a **data** base on PC 108, wherein each specific command received is linked to a specific action. The data base can be fully customized by the user...

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DIALOG(R)File 348: EUROPEAN PATENTS

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15/3K/16 (Item 16 from file: 348)

#### CLIENT/ SERVER COMMUNICATION SYSTEM

##### Patent Assignee:

- **INTERNATIONAL BUSINESS MACHINES CORPORATION** (200123)  
Armonk, NY 10504 (US)  
(Proprietor designated states: all)

##### Inventor:

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- **FRAENKEL, Michael, Levi**  
3013-23 Inland Trail; Raleigh, NC 27613; (US)
- **HOUSEL, Barron, Cornelius**  
702 Kensington Drive; Chapel Hill, NC 27514; (US)
- **LINDQUIST, David, Bruce**  
4001 Lake Springs Court; Raleigh, NC 27613; (US)

##### Legal Representative:

- **Burt, Roger James, Dr. (52152)**  
IBM United Kingdom Limited Intellectual Property Department Hursley Park; Winchester  
Hampshire SO21 2JN; (GB)

	Country	Number	Kind	Date	
Patent	EP	823170	A2	19980211	(Basic)
Patent	EP	823170	B1	20000927	
	WO	9730538		19970821	
Application	EP	96923748		19960711	
	WO	96US11551		19960711	
Priorities	US	601804		19960215	

#### Specification:

using the generic communication protocol HTTP which is transmitted between the web browser and the web server over the TCP/IP link between the web **browser** and the web server. The actual data transferred between the web browser 10 and the web server 20 are HTTP data objects (e.g. HTML... ..which receives web browser communications from a number of web browsers and routes them to the appropriate server. The popularity of the web browser/web **server** and their common information and transport protocols, HTML and HTTP, has lead to rapid acceptance of web technology as a universal interface for network access to information. Furthermore, because the protocols and language for communication between web browsers and **web servers** are standardized the communication protocols and language will be the same whether a user is using Netscape Navigator(TM), NCSA Mosaic(TM), WebExplorer(TM) or... ..web browser as their web browser to access network information. Therefore, the large installed user base for web browsers combined with the connectivity of the **Internet** and the ease of writing **web application servers using** the HTTP defined **Common Gateway Interface (CGI)** make web technology very attractive for a large class of forms-based applications. At the same time that the Internet was growing in popularity and acceptance, mobile computing was also increasing in popularity. The use of laptops, notebooks, Personal Digital/Communication Assistants (**PDA**s/**PC**As) and other **portable devices** has lead to an increase in demands for wireless communications. Wireless wide area networks, cellular communications and packet radio, however, suffer from common limitations if...

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DIALOG(R)File 348: EUROPEAN PATENTS  
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15/3K/18 (Item 18 from file: 348)

#### A method and system for voice activating web pages

##### Patent Assignee:

- **The Trustees of Columbia University in the City of New York (477542)**  
16th Street and Broadway; New York, NY 10027 (US)  
(Applicant designated States: all)

##### Inventor:

- **Charney, Michael L.**  
57 Norman Avenue No. 2L; Brooklyn, NY 11222; (US)
- **Starren, Justin**  
429 Farragut Avenue; Hasting-on-Hudson, NY 10706; (US)

##### Legal Representative:

- **Lawrence, John (60371)**  
Barker Brettell 138 Hagley Road Edgbaston; Birmingham B16 9PW; (GB)

	Country	Number	Kind	Date	
Patent	EP	1881685	A1	20080123	(Basic)
Application	EP	2007019562		20011130	
Priorities	US	250809	P	20001201	

#### Specification:

such as a keyboard 128, a mouse 136, a microphone 130, a speaker 132, and a display 134 typically through a system bus 138. A **personal digital assistant (PDA)** 140, including a CPU 142 and a memory 144, is also provided. The **PDA** 140 is connected to and can communicate with other devices on the communications network 110 over a network connection 148, through a network **interface** 146. In order to **view** a web page a user opens a **web browser**, stored in a data storage unit in a computer or a memory in a **PDA**, for example the data storage unit 126 in the client computer 120. Once the web browser is open the user may key in a universal... ..to issue a request over the communications network 110 for the data files describing the contents of the web page identified by the URL. A **web server**, which stores the data files for the web page identified by the URL, for example the **web server** 102, receives the request and sends the client computer 120 the data files which describe the contents of the web page. The data files may include hyper-text markup language (HTML) files, **active server pages** files, sound files, video files, etc. The web browser then displays the web page and plays any video or audio files on the client computer...

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DIALOG(R)File 348: EUROPEAN PATENTS

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15/3K/19 (Item 19 from file: 348)

#### Content relay service for relay transferring web content on internet while reducing data amount

#### Patent Assignee:

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23-17 Meieki-Minami 1-chome, Nakamura-ku; Nagoya-shi, Aichi-ken (JP)  
(Applicant designated States: all)

#### Inventor:

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#### Legal Representative:

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	Country	Number	Kind	Date	
Patent	EP	1220118	A2	20020703	(Basic)
Patent	EP	1220118	A3	20040303	
Application	EP	2001310894		20011227	
Priorities	JP	2000402364		20001228	

**Specification:**

relay service device 10a is not the WWW server function, but a "data amount reduced transfer function" provided in a distribution channel, through which the **portable telephone** set 20a obtains a Web content from the other **WWW** server 10b or the like. This data amount reduced transfer function obtains the Web content in place of the **portable telephone** set 20a, reduces the data amount thereof, and then transfers the Web content to the **portable telephone** set 20a. The content relay service device 10a of this embodiment regards users of the **portable telephone** sets 20a as service target members, and manages a name, a contact address, authentication information, and the like, for each member in a member information... ..service type provided by the content relay service device 10a of this embodiment, a subscriber of the data amount charging type network service uses the **portable telephone** set 20a as the browser installed terminal, and obtains a Web content opened to the public in the WWW server on the Internet by using the browser function of the **portable telephone** set 20a.

Fig. 2 is a view of communication processes showing a communication process carried out among the content relay service device 10a, the **WWW server** 10b and the **portable telephone** set 20a under the foregoing assumption, which is followed by the execution of various information processing operations.

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DIALOG(R)File 348: EUROPEAN PATENTS

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15/3K/22 (Item 22 from file: 348)

## Content data processing system and content data processing method

### Patent Assignee:

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(Applicant designated States: all)

### Inventor:

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25-14, Kameido 2-chome,; Koutou-ku, Tokyo; (JP)

### Legal Representative:

- **Modiano, Micaela Nadia (97641)**  
Modiano, Josif, Pisanty & Staub Ltd., Baaderstrasse 3; 80469 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1168211	A1	20020102	(Basic)
Application	EP	2001101102		20010118	
Priorities	JP	2000198661		20000630	

### Specification:

Internet Protocol) communication network 4. The content data processing system 2, which is classified as a server computer, is constructed of a **WWW (World Wide Web) server** (which will hereinafter simply referred to as a **Web server**) 5, a database 6, and a **CGI (Common Gateway Interface)** module 7. Each information communication terminal device 3 can be actualized by a single unit or a composite body of a computer terminal such as a personal computer incorporating a **WWW (Web)** browser, and a mobile terminal such as a **cellular phone** having a content transmitting/receiving function. The IP communication network 4, which may be defined as the **Internet** in this example,

enables various items of **information** to be **transmitted** and **received** between the **information** communication terminal device 3 serving as a client and the content data processing system 2 serving as a server. Content data (page) in an HTML...

15/3K/27 (Item 27 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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## SYSTEM AND METHOD FOR TRANSFER, CONTROL, AND SYNCHRONIZATION OF DATA

### Patent Applicant/ Patent Assignee:

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### Legal Representative:

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	Country	Number	Kind	Date
Patent	WO	200412094	A1	20040205
Application	WO	2003US22934		20030722
Priorities	US	2002399440		20020729

### Detailed Description:

to the network. Through a manual trigger, time interval trigger, or transaction-based trigger, the asynchronous post object may be sent to the enterprise **web server** on the network from the resident **web server** of the device when a connection is present. Another embodiment of the present invention includes a method for persistent storage of application data for an application running on a remote communication device. When a typical **active server page** receives a transaction through a traditional PC browser, such as Internet Explorer or **Netscape** Navigator, session and application objects are created to preserve the **data** when a user, for instance, **alternates** between **applications**. Where a handheld **browser** does not provide this functionality, the present invention enables the creation of session objects and application objects for applications running on the remote communication device. It is another object of the present invention to provide a method for

generating an application for use on a **handheld** remote communication **device**. A development template for a web application creation tool is implemented for a developer to create an application for use on the remote communication device...

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15/3K/30 (Item 30 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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## METHOD AND SYSTEM FOR CREATING PERVASIVE COMPUTING ENVIRONMENTS

### Patent Applicant/ Patent Assignee:

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### Inventor(s):

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### Legal Representative:

- **CIRE Frank L (agent)**  
Christie, Parker & Hale, LLP, Poste Office Box 7068, Pasadena, CA 91109-7068; US

	Country	Number	Kind	Date
Patent	WO	200293402	A1	20021121
Application	WO	2002US15542		20020515
Priorities	US	2001858995		20010515

### Detailed Description:

connects via HTTP communications link 1740 to Internet 1720. Server host 1750 connects via HTTP communications link 1730 to Internet 1720. Server host 1750 hosts **Web** server 1760 that has access to CGI scripts 1700 and CLbL documents 1710. In ...browser services module 2401 to navigate a Web site composed of documents composed in CLDL or Voice eXtensible Markup Language (VXML) served by a web **server** 2404. The browser services module encapsulates the functionality of the software objects hosted by the previously described client host. The combination of the browser services module and the information device comprise a distributed I browser 2400 as previously described. The information device provides presentation functionality allowing the **browser** services module to send audio output signals 2440 to the user. The information device further provides acquisition functionality allowing keypad input signals 2458, and voice input signals 2448 to be transmitted to the **browser** services module by the user. An exemplary **information** device is a cellular telephone. **Alternatively**, a personal computer equipped with audio input and output features and a keyboard may be used as an information device. The user uses the infon... includes the address of a Web site the user wants to visit. 10 The browser services module sends document request signals 2428 to the **Web server** and the **Web server** sends document signals 2430 to the browser services module in response. The document signals encode an electronic ...interprets the electronic document and sends audio and textual components of the electronic document to the information device as audio output signals 15 2440. The **browser** services module comprises a host services **interface** 2406, an **Adaptive**

Differential Pulse Code Modulation (ADPCM) to Microsoft WAV format converter 2412, and a user interface 2410. The host services interface is used by the browser services module to open and maintain a communications channel with the **Web server** for the transmission of request signals 2428 and the reception of an electronic document encoded in document signals 2430. The electronic document received from the **Web server** may contain an audio file encoded in an ADPCM format. The browser services module converts the ADPCM formatted audio file into a Microsoft WAV formatted...

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15/3K/35 (Item 35 from file: 349)  
DIALOG(R) File 349: PCT FULLTEXT  
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## SHORT MESSAGING SERVICE CENTER MOBILE-ORIGINATED TO HTTP INTERNET COMMUNICATIONS

### Patent Applicant/ Patent Assignee:

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- **BOLLMAN William H (agent)**  
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	Country	Number	Kind	Date
Patent	WO	200180534	A1	20011025
Application	WO	2001US11547		20010410
Priorities	US	2000198108		20000418
	US	2000588460		20000606

### Detailed Description:

be the reference ID (ref id) for user acknowledgements used to track questions and related answers. The body may be the payload content from the **mobile device** 120 included in the message body field. As embodied, by default, only SIVIPP messages with esm class values of 'O' and '.16' are forwarded... may contain the reference ID. On the other hand, if the message type is 'O', then the reference ID is not passed to the relevant **web IP server(s)** 152 Utilization of the SIVIPP message type and inclusion/non-inclusion of (inverted exclamation mark) of the reference ID reduces network traffic and resource requirements, and simplifies development on the web side.

#### Step 5

The relevant **web server** in the **Internet** 150 **receives** the HTTP protocol POST command **information**, which may be handled by the actual CGI/Servlet routine specified by the URL in Step 4. The handling servlet may create sessions for each **mobile device** such that the current state of the **mobile device** may be preserved, allowing meaningful content to be transmitted. Example wireless web applications may include menu-based services, games, and information services. After the servlet

of the **web server** in the Internet 150 receives the HTTP protocol POST command, the serviet synchronously returns data through the HTTP stream back to the MIHIG 100. The text returned by the serviet may be delivered to the **mobile device** 120 as a standard SIVIS message. The returned data may be contained within an <SIVIS> and </SMS> tag-set. The <SIVIS> and </SMS> tags are...

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DIALOG(R)File 348: EUROPEAN PATENTS  
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17/3K/1 (Item 1 from file: 348)

## Method of browsing web information using a mobile handheld device

### Patent Assignee:

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(Applicant designated States: all)

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### Legal Representative:

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	Country	Number	Kind	Date	
Patent	EP	2101272	A1	20090916	(Basic)
Application	EP	2009002926		20090302	
Priorities	TW	97109053		20080314	

### Specification:

accordance with prior art. With reference to <FIGREF IDREF= F0001> Fig. 1</FIGREF>, a system for implementing the method of browsing web information using a **mobile handheld device includes a web server** 10, a web page capture server 20, a user host 30, and a mobile handheld device 40. The web server 10 is a usual server... ..The techniques for editing the web pages include, but not limited to, the following ones: WAP, HTML, CSS, JavaScript, PHP, JSP, XHTML, XML, DHTML, JASP, **ASP**, PERL, and Flash. The web page capture server 20 allows a user to register and verifies the login user's identity. The web page capture...

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22/3K/1 (Item 1 from file: 348)

## SYSTEM AND METHOD OF MANAGING INFORMATION DISTRIBUTION TO MOBILE STATIONS

### Patent Assignee:

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- **Jones Day (102151)**  
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	Country	Number	Kind	Date	
Patent	EP	1451984	A1	20040901	(Basic)
Patent	EP	1451984	A1	20040901	
Patent	EP	1451984	B1	20060906	
	WO	2003049384		20030612	
Application	EP	2002784982		20021206	
	WO	2002CA1945		20021206	
Priorities	US	340300	P	20011207	

**Specification:**

server software 124 that can include direct Wireless Access Protocol (WAP) support. WAP support provides mobile station 152 and 154 compatible web content for small **Personal Digital Assistants (PDAs)**, phones and other types of mobile stations. The **web server** 122 may also be running an information transcoder that can efficiently transcode a first data type received at the web server 122 into a second data type of reduced size for transmission to mobile stations 152 and 154. Similarly, the web server 122 may be running an **ASP** (Application Service Provider) solution such as AOL, or a web portal such as Yahoo, or a wireless web solution such as GoAmerica, or some private...

22/3K/5 (Item 5 from file: 349)  
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**SYSTEM AND METHOD FOR CACHING DATA FOR A MOBILE APPLICATION**

**Patent Applicant/ Patent Assignee:**

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	Country	Number	Kind	Date
Patent	WO	200410305	A2-A3	20040129
Application	WO	2003US20050		20030625
Priorities	US	2002197760		20020717

**Detailed Description:**

cache table is a database table of data that 5 can be retrieved on demand from a data source (e.g., enterprise server, database server, **web server**, application server), and stored in a local (e.g., **mobile device**). Communications between the server and the device may employ any suitable protocol, such as HTTP (Hyper Text Transport Protocol), SOAP (Simple Object Access Protocol), WAP (Wireless Access Protocol), etc. A server hosting a data source may be configured to execute **CGI (Common Gateway Interface)** programs, servlets, applets, Java methods or other modules to implement interfaces associated with cache table specifications described herein. In one embodiment of the invention, a ...

22/3K/7 (Item 7 from file: 349)  
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**PLUGGABLE SERVER MODULE FOR WIRELESS REMOTE CONTROLLING OF DEVICES**

**Patent Applicant/ Patent Assignee:**

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**Legal Representative:**

- **KURIG Thomas (agent)**  
Becker, Kurig, Straus, Bavariastrasse 7, 80336 Munchen; DE

	Country	Number	Kind	Date
Patent	WO	200319915	A1	20030306
Application	WO	2002IB3314		20020819
Priorities	US	2001935545		20010824

#### Detailed Description:

Video Cassette Recorders (VCRs) with embedded servers (e.g. WAP or HTTP) and then use a standard hypertext browser terminal (e.g. a WAP enabled **mobile phone**) to control these devices. This is possible, because **web servers** implement an execution environment in which certain actions e.g. can be triggered upon 1 5 HTTP or WAP requests and the content pages are created dynamically. One well known execution environment is the so-called **Common Gateway Interface (CGI)**. Device manufacturers may face several problems when integrating embedded servers into their product, e.g. high costs, missing experience for

22/3K/8 (Item 8 from file: 349)  
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#### SYSTEM FOR REMOTELY CONTROLLING CONSUMER ELECTRONICS USING A WEB-CAM IMAGE

#### Patent Applicant/ Patent Assignee:

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#### Inventor(s):

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#### Legal Representative:

- **UITTENBOGAARD Frank (agent)**  
Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven; NL

	Country	Number	Kind	Date
Patent	WO	200317225	A1	20030227
Application	WO	2002IB3306		20020812
Priorities	US	2001932105		20010817

#### Detailed Description:

command via the Internet 106 to server 108. Server 108 includes a PC hardware running a web server 122 and software modules 124 that include **CGI** scripts run by the web server 122. **CGI** stands for **Common Gateway Interface** and is part of the HTTP protocol. **CGI** is used to transfer information back and forth between the web server 122 and an application, such as client application

120. The **web server** 122 running on PC 108 interprets the command received from the **PDA** 102 over the Internet 106. The interpretation mechanism uses, e.g., a database on PC 108, -wherein each specific command received is linked to a...

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22/3K/9 (Item 9 from file: 349)  
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## **AUTOMATED UPDATING OF ACCESS POINTS IN A DISTRIBUTED NETWORK**

### **Patent Applicant/ Patent Assignee:**

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	Country	Number	Kind	Date
Patent	WO	200286708	A1	<b>20021031</b>
Application	WO	2002US12180		20020416
Priorities	US	2001839336		20010420

### **Detailed Description:**

system is implemented. This new client device ID keyword is inserted into the embedded reserved field and the modified message is forwarded to the authentication **web server** 137 in Step 6. Upon receiving the HTTP form page from user **mobile device** 121, authentication **web server** 137 parses the information in the HTTP form page. Preferably, the information is parsed using a 1 5 backend **CGI** script. The authentication web server 137 forwards the